Page 1 of 7

#3 1633





OIPE

TECH CENTER 1600/2900

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/038,271

DATE: 02/07/2002

TIME: 18:52:01

Input Set : N:\Crf3\RULE60\10038271.txt
Output Set: N:\CRF3\02072002\J038271.raw

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              Hoeben, Robert C.
      9
              Bout, Abraham
              Valerio, Domenico
     11
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                                                                                  IRUS TO BE
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DATE: 02/07/2002

TIME: 18:52:01

PATENT APPLICATION: US/10/038,271 Input Set : N:\Crf3\RULE60\10038271.txt Output Set: N:\CRF3\02072002\J038271.raw 107 <211> LENGTH: 21 109 <212> TYPE: DNA 111 <213> ORGANISM: Artificial Sequence 115 <220> FEATURE: W--> 117 <221> NAME/KEY: 119 <222> LOCATION: 121 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer Ea-3 124 <400> SEQUENCE: 3 tacccgccgt cctaaaatgg c 21 129 <210> SEQ ID NO: 4 131 <211> LENGTH: 20 133 <212> TYPE: DNA 135 <213> ORGANISM: Artificial Sequence 138 <220> FEATURE: W--> 140 <221> NAME/KEY: 142 <222> LOCATION: 144 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer Ea-5 147 <400> SEQUENCE: 4 tggacttgag ctgtaaacgc 20 152 <210> SEQ ID NO: 5 154 <211> LENGTH: 21 156 <212> TYPE: DNA 158 <213> ORGANISM: Artificial Sequence 161 <220> FEATURE: W--> 163 <221> NAME/KEY: 165 <222> LOCATION: 167 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer Ep-2 171 <400> SEQUENCE: 5 173 gcctccatgg aggtcagatg t 21 176 <210> SEO ID NO: 6 178 <211> LENGTH: 20 180 <212> TYPE: DNA 182 <213> ORGANISM: Artificial Sequence 185 <220> FEATURE: W--> 187 <221> NAME/KEY: 189 <222> LOCATION: 191 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer Eb-1 194 <400> SEQUENCE: 6 20 gcttgagccc gagacatgtc 199 <210> SEQ ID NO: 7 201 <211> LENGTH: 24 203 <212> TYPE: DNA 205 <213> ORGANISM: Artificial Sequence 208 <220> FEATURE: W--> 210 <221> NAME/KEY: 212 <222> LOCATION: 214 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer Eb-2 217 <400> SEQUENCE: 7 24 219 cccctcgagc tcaatctgta tctt

RAW SEQUENCE LISTING

DATE: 02/07/2002

TIME: 18:52:01 PATENT APPLICATION: US/10/038,271 Input Set : N:\Crf3\RULE60\10038271.txt Output Set: N:\CRF3\02072002\J038271.raw 222 <210> SEQ ID NO: 8 224 <211> LENGTH: 27 226 <212> TYPE: DNA 228 <213> ORGANISM: Artificial Sequence 231 <220> FEATURE: W--> 233 <221> NAME/KEY: 235 <222> LOCATION: 237 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer SV40-1 240 <400> SEQUENCE: 8 27 gggggatccg aacttgttta ttgcagc 242 245 <210> SEQ ID NO: 9 247 <211> LENGTH: 25 249 <212> TYPE: DNA 251 <213> ORGANISM: Artificial Sequence 254 <220> FEATURE: W--> 256 <221> NAME/KEY: 258 <222> LOCATION: 260 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer SV40-2 263 <400> SEQUENCE: 9 gggagatcta gacatgataa gatac 25 268 <210> SEQ ID NO: 10 270 <211> LENGTH: 27 272 <212> TYPE: DNA 274 <213> ORGANISM: Artificial Sequence 277 <220> FEATURE: W--> 279 <221> NAME/KEY: 281 <222> LOCATION: 283 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer Ad5-1 286 <400> SEQUENCE: 10 gggagatctg tactgaaatg tgtgggc 27 291 <210> SEQ ID NO: 11 293 <211> LENGTH: 24 295 <212> TYPE: DNA 297 <213> ORGANISM: Artificial Sequence 300 <220> FEATURE: W--> 302 <221> NAME/KEY: 304 <222> LOCATION: 306 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer Ad5-2 309 <400> SEQUENCE: 11 24 ggaggctgca gtctccaacg gcgt 314 <210> SEQ ID NO: 12 316 <211> LENGTH: 27 318 <212> TYPE: DNA 320 <213> ORGANISM: Artificial Sequence 323 <220> FEATURE: W--> 325 <221> NAME/KEY: 327 <222> LOCATION: 329 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer ITR1 332 <400> SEQUENCE: 12

RAW SEQUENCE LISTING

RAW SEQUENCE LISTING DATE: 02/07/2002 PATENT APPLICATION: US/10/038,271 TIME: 18:52:01

Input Set : N:\Crf3\RULE60\10038271.txt
Output Set: N:\CRF3\02072002\J038271.raw

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DATE: 02/07/2002

TIME: 18:52:01

Input Set : N:\Crf3\RULE60\10038271.txt Output Set: N:\CRF3\02072002\J038271.raw 448 <400> SEQUENCE: 17 qtacactgac ctagtgccgc ccgggcaaag cccgggcggc actaggtcag 50 453 <210> SEQ ID NO: 18 455 <211> LENGTH: 50 457 <212> TYPE: DNA 459 <213> ORGANISM: Artificial Sequence 462 <220> FEATURE: W--> 464 <221> NAME/KEY: 466 <222> LOCATION: 468 <223> OTHER INFORMATION: Description of Artificial Sequence: PCT primer HP/asp2 471 <400> SEQUENCE: 18 50 qtacctgacc tagtgccgcc cgggctttgc ccgggcggca ctaggtcagt 473 476 <210> SEQ ID NO: 19 478 <211> LENGTH: 55 480 <212> TYPE: DNA 482 <213> ORGANISM: Artificial Sequence 485 <220> FEATURE: W--> 487 <221> NAME/KEY: 489 <222> LOCATION: 491 <223> OTHER INFORMATION: Description of Artificial Sequence: PCT primer HP/cla1 494 <400> SEQUENCE: 19 gtacattgac ctagtgccgc ccgggcaaag cccgggcggc actaggtcaa tcgat 499 <210> SEQ ID NO: 20 501 <211> LENGTH: 55 503 <212> TYPE: DNA 505 <213> ORGANISM: Artificial Sequence 508 <220> FEATURE: W--> 510 <221> NAME/KEY: 512 <222> LOCATION: 514 <223> OTHER INFORMATION: Description of Artificial Sequence: primer HP/cla2 517 <400> SEQUENCE: 20 gtacatcgat tgacctagtg ccgcccgggc tttgcccggg cggcactagg tcaat 55 522 <210> SEQ ID NO: 21 524 <211> LENGTH: 5620 526 <212> TYPE: DNA 528 <213> ORGANISM: Artificial Sequence 531 <220> FEATURE: W--> 533 <221> NAME/KEY: Ad5 left terminus 535 <222> LOCATION: 1..457 538 <221> NAME/KEY: enhancer 540 <222> LOCATION: 458..969 543 <221> NAME/KEY: exon 545 <222> LOCATION: 970..1204 548 <221> NAME/KEY: gene 550 <222> LOCATION: 1218..2987 553 <221> NAME/KEY: polyA_signal 555 <222> LOCATION: 3018..3131 W--> 558 <221> NAME/KEY: pUC12 backbone 560 <222> LOCATION: 3132..5620

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/038,271

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/038,271
DATE: 02/07/2002
TIME: 18:52:02

Input Set : N:\Crf3\RULE60\10038271.txt
Output Set: N:\CRF3\02072002\J038271.raw

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